KING SAUD UNIVERSITY

COLLEGE OF DENTISTYRY

Dept of Oral Medicine & Diagnostic Sciences

Division of OMF Path/Biol/MIC

212 DDS-ORAL PATHOLOGY (I)

MUC CAMPUS

Jan- May 2014

Course Director : Dr. Manal AlSheddi ( **malshiddi@gmail.com**)

Thursday : 8:00 AM – 12:00 PM

Venue : TBA & Histopathology Laboratory

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Week | **Date** |  | **Session Topic** | **Course activities** | Lecturer |
| 1 | 30/1 |  | Introduction to OMF Pathology |  | Dr. AlSheddi |
| 2 | 6/2 |  | Developmental Disturbances of Oral  and maxillofacial region |  | Dr. AlSheddi |
| 3 | 13/2 |  | Abnormalities of teeth I | In class tutorial: Introduction to internet learning resources. | Dr. AlSheddi |
| 4 | 20/2 |  | Abnormalities of teeth II | Practical –I: Virtual microscopic slides review | Dr. Qurat |
| 5 | 27/2 |  | Pulpal & Periapical Pathology | Practical –II: Virtual microscopic slides review | Dr. Qurat |
| 6 | 6/3 |  | **Mini cases CPC** & Course Feedback Session | | Dr. AlSheddi |
| 7 | 13/3 |  | **1st Continuous Assessment ( 1,2,3,4)** | | |
| 8 | 20/3 |  | Cysts of Oro-facial Region I | Practical –III: Virtual microscopic slides review | Dr. AlSheddi |
| 9 | 3/4 |  | Cysts of Oro-facial Region II | Practical –IV: Case study and Virtual microscopic slides review | Dr. AlSheddi |
| 10 | 10/4 |  | Cysts of Oro-facial Region III  Odontogenic Tumors I | Practical –V: Virtual microscopic slides review | Dr. AlSheddi |
| 11 | 17/4 |  | **2nd Continuous Assessment ( 5,8,9,10)** | | |
| 12 | 24/4 |  | Odontogenic Tumors II | Practical –VI: Case study and virtual microscopic slides review | Dr. Dalal |
| 13 | 1/5 |  | Bone pathology I | Practical –VII: Virtual microscopic slides review | Dr. Dalal |
| 14 | 8/5 |  | Bone pathology II | Practical –VIII: Virtual microscopic slides review | Dr. AlSheddi |
| 15 | 15/5 |  | **Course Review** | | |

Course content

**Session 1**

Developmental Disturbances of Oral and maxillofacial region

1. Orofacial clefts 1
2. Commissural pits 5
3. Paramedian lip pits 5
4. Double lip 6
5. Fordyce granules 7
6. Leukoedema 8
7. Microglossia 9
8. Macroglossia 10
9. Lingual thyroid 12
10. Fissured tongue13
11. Hairy tongue 13
12. Exostoses 19
13. Torus 21, 22

**Session 2**

Abnormalities of teeth I

Developmental alterations of teeth

1. Developmental alteration in the number of teeth. 77

Hypodontia and hyperdontia

1. Developmental alteration in the size of teeth. 83

Microdontia and macrodontia

1. Developmental alteration in the shape of teeth. 84

Germination, fusion, concrescence

Accessory cusps, dens invaginatus, taurodontism, dilacerations.

1. Developmental alteration in the structure of teeth 99

Amelogenesis imperfect, dentinogenesis imperfect, dentin dysplasia.

**Session 3**

Abnormalities of teeth II

Environmental alteration of teeth 54

1. Turner hypoplasia
2. Dental fluorosis
3. Syphilitic hypoplasia

Postdevelopmental loss of tooth struscure 60

1. Attrition
2. Abrasion
3. Erosion
4. Abfraction
5. Internal and external resorption

**Session 4**

Pulpal & Periapical Pathology

1. Pulpitis 120
2. Secondary and tertiary dentin 123
3. Pulpal calcifications 126
4. Periapical granuloma 127
5. Periapical cyst 130
6. Periapical abscess 135
7. Cellulitis 138
8. Osteomyelitis 141
9. Osteomyelitis with proliferative periostitis. 148

**Session 5**

Cysts of Oro-facial Region I

a-Developmental Cysts

1. Palatal cysts of the newborn 26
2. Nasolabial cyst 27
3. “Globulomaxillary cyst” 28
4. Nasopalatine duct cyst 28
5. Median palatal cyst 31
6. Dermoid cyst 33
7. Thyroglossal duct cyst 35
8. Branchial cleft cyst 36

**Session 6**

Cysts of Oro-facial Region II (cont)

b- Odontogenic cysts 678

1. Dentigerous cyst
2. Eruption cyst
3. “primordial cyst”
4. Odontognic keratocyst
5. Orthokeratinized odontogenic cyst
6. Gorlin Syndrome
7. Gingival cyst of adult

**Session 7**

Cysts of Oro-facial Region III (cont)

b- Odontogenic cysts 678

1. Lateral periodontal cyst
2. Calcifying odontogenic cyst
3. Glandular odontogenic cyst
4. Buccal bifurcation cyst

Odontogenic Tumors I. 701

1. Tumors of odontogenic epithelium
2. Ameloblastoma
3. Adenomatoid odontogenic tumor
4. Calcifying epithelial odontogenic tumor
5. Squamous odontogenic tumor

**Session 8**

Odontogenic Tumors II . 701

1. Mixed odontogenic tumors
2. Ameloblastic fibroma
3. Ameloblastic fibro-odontoma
4. Odontoma
5. Tumors of odontogenic ectomesenchyme
6. Central odontogenic fibroma
7. Odontogenic myxoma
8. Cementoblastoma
9. Malignant odontogenic tumors, 711,712

**Session 9**

Bone pathology I

1. Cleidocranial dysplasia. 618
2. Focal osteoporotic marrow defect. 619
3. Paget disease of bone. 623
4. Central giant cell granuloma. 626
5. Cherubism. 629
6. Simple bone cyst. 631
7. Aneurismal bone cyst. 634
8. Osteoblastoma and osteoid osteoma. 653

**Session 10**

Bone pathology II

1. Fibrous dysplasia. 635
2. Osseous dysplasias. 640
3. Familial gigantiform cementoma. 645
4. Ossifying fibroma. 646
5. Osteoma. 650
6. Gardner syndrome. 651
7. Osteosarcoma .660